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TITLE: COATING COMPOSITION, COATING FILM THEREOF,
ANTIREFLECTION COATING, ANTIREFLECTION FILM,
IMAGE
DISPLAY, AND INTERMEDIATE PRODUCT

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ABSTRACT:

CHG DATE=20020802 STATUS=O>A coating material capable of forming a

high-quality thin film having a regulated refractive index; a coating film formed from the coating material; an antireflection coating comprising the coating film; an antireflection film to which the antireflection coating is applied; and an image display. The coating composition comprises (1) rutile-form titanium oxide having primary particle diameter of 0.01 to 0.1 μm and coated with an inorganic compound for reducing or eliminating the photocatalytic activity and with an organic compound having an anionic polar group and/or an organometallic compound, (2) a binder ingredient curable with an ionizing radiation, (3) a dispersant having an anionic polar group, and (4) an organic solvent. The coating film formed from the coating composition is suitable for forming a light-transmitting layer constituting or contained in a single- or multi-layer antireflection coating (17), in particular, a medium-refractive-index layer (18), high-refractive-index layer (19), or hard coat layer (16) having a high refractive index.